

06/26/98  
JC533 U.S. PTO

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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 96-0296-9540-8

First Inventor or Application Identifier James A. Thomson

Title PRIMATE EMBRYONIC STEM CELLS

Express Mail Label No. E1859776618US

### APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents.

1  Fee transmittal Form  
(Submit an original and a duplicate for fee processing)

2  Specification (Total Pages 49)  
(preferred arrangement set forth below)  
 - Descriptive title of the invention  
 - Cross References to Related Applications  
 - Statement Regarding Fed Sponsored R&D  
 - Reference to Microfiche Appendix  
 - Background of the Invention  
 - Brief Summary of the Invention  
 - Brief Description of the Drawings (if filed)  
 - Detailed Description  
 - Claim(s)  
 - Abstract of the Disclosure

3  Drawing(s) (35 USC 113) (Total Sheets 8)

4. Oath or Declaration (Total Pages 1)  
 a.  Newly executed (original or copy)  
 b.  Copy from prior Application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
 (Note Box 5 below)  
 i.  DELETION OF INVENTOR(S)  
 Signed Statement attached deleting  
 inventor(s) named in prior application,  
 see 37 CFR 1.63(d)(2) and 1.33(b).

5  Incorporation By Reference (useable if Box 4b is checked)  
 The entire disclosure of the prior application from  
 which a copy of the oath or declaration is supplied  
 under Box 4b, is considered as being part of the  
 disclosure of the accompanying application and is  
 hereby incorporated by reference herein.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

6.  Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
 a.  Computer readable Copy  
 b.  Paper Copy (identical to computer copy)  
 c.  Statement Verifying identity of above

### ACCOMPANYING APPLICATION PARTS

8  Assignment Papers (cover sheet & documents)

9  37 CFR 3.73(b) Statement  Power of Attorney  
(where there is an assignee)

10  English Translation Document (if applicable)

11  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

12  Preliminary Amendment

13  Return receipt postcard (MPEP 503)  
(Should be specifically itemized)

14  \*Small Entity Statement(s)  Statement filed in prior application  
 \*Statement(s)  Status still proper and desired

15  Certified copy of priority Document(s)  
(if foreign priority is claimed)

16  Other: terminal disclaimer

\* A newstatement is required to pay small entity fees, except where  
 one has been filed in a prior application and is being relied upon

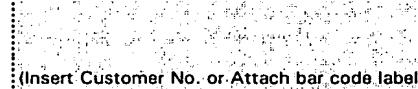
### 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application no. 08 / 591,246

Prior application information: Examiner: B. Brumback Group/Art Unit: 1815

### 18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label



or  Correspondence address below

NAME	Carl R. Schwartz				
ADDRESS	Quarles & Brady 411 East Wisconsin Avenue				
CITY	Milwaukee	STATE	WI	ZIP CODE	53202
COUNTRY	USA	TELEPHONE	(414) 277-5715	FAX	(414) 271-3552

Name (Print/Type)	Carl R. Schwartz	Registration No. (Attorney/Agent)	29,437
Signature	Date June 26, 1998		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. MKE4192202

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S  
EE TRANSMITTAL

Patent fees are subject to annual revision on October 1.  
These are the fees effective October 1, 1997.  
Small Entity payments must be supported by a small entity statement  
otherwise Large entity fees must be paid. See Forms PTO/SB/09-12

TOTAL AMOUNT OF PAYMENT \$1,002.00

Complete if Known	
Application Number	
Filing Date	June 26, 1998
First Named Inventor	James A. Thomson
Group Art Unit	1815
Examiner Name	B. Brumback
Attorney Docket Number	96-0296-9540-0

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 17-0055

Deposit Account Name Quarles & Brady

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)

2.  Payment Enclosed:

Check  Money Order  Other

## FEE CALCULATION (fees effective 10/01/97)

## 1. FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101	201	395 Utility filing fee	790.00
106	206	165 Design filing fee	
107	207	270 Plant filing fee	
108	208	395 Reissue filing fee	
114	214	75 Provisional filing fee	

SUBTOTAL (1) (\$790.00)

## 2. CLAIMS

Total Claims	Independent Claims	Extra	Fee from below	Fee Paid
11	4	-20**=	1	82
		-3**=		

Multiple Dependent Claims

Large Entity Fee Code	Small Entity Fee Code	Fee Description
103	22	203 11 Claims in excess of 20
102	82	202 41 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim
109	80	209 40 **Reissue independent claims over original patent
110	22	210 11 **Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$82)

## 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee
105	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late provisional filing fee or cover sheet
139	130	139	130	Non-English specification
147	2,520	147	2,520	For filing a request for reexamination
112	920	112	920	Requesting publication of SIR prior to Examiner action
113	1,840	113	1,840	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	400	216	200	Extension for reply within second month
117	950	217	475	Extension for reply within third month
118	1,510	218	755	Extension for reply within fourth month
128	2,060	228	1,030	Extension for reply within fifth month
119	310	219	155	Notice of Appeal
120	310	220	155	Filing a brief in support of an appeal
121	270	221	135	Request for oral hearing
138	1,510	138	1,510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive unavoidably abandoned application
141	1,320	241	660	Petition to revive unintentionally abandoned application
142	1,320	242	660	Utility issue fee (or reissue)
143	450	243	225	Design issue fee
144	670	244	335	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Petitions related to provisional applications
126	240	126	240	Submission of Information Disclosure Stmt
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

SUBTOTAL (3) (\$ 130)

\* Reduced by Basic Filing Fee Paid

## SUBMITTED BY

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Carl R. Schwartz	Reg. Number	29,437
Signature		Date	June 26, 1998
Deposit Account User ID			